

22886

S/089/61/010/005/015/015

New rules for the transport of radioactive... B102/B214

port are provided: 1) Not more than 0.4 mr/hr (γ) or 2 n/cm²sec (fast neutrons) at the packing surface, 2) not more than 10 mr/hr (40 n/cm²sec) at the packing surface and 0.4 mr/hr (2n/cm²sec) at a distance of 1 m, 3) not more than 200 mr/hr (800 n/cm²sec) at the surface and 10 mr/hr (40 n/cm²sec) at a distance of 1 m, and 4) 50 mr/hr (200 n/cm²sec) at a distance of 1 m; the last category may only be forwarded in special transport. The packing must be able to stand temperature variations from +50 to -70°C and pressure variations from 1 to 0.2 atm. The container must correspond to the regulations of the authorities mentioned at the beginning. The surface contamination of the container must not exceed 200 α -particles or 5000 β -particles per 150 cm² (gamma dose rate $\leq$ 0.4 mr/hr). The radioactive articles for transport are to be marked with a danger sign: a red circle at the center and three red sectors on a yellow background.

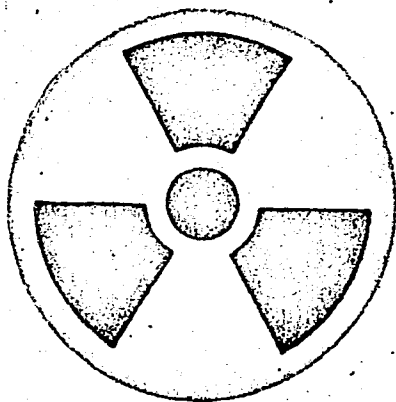
Card 2/3

New rules for the transport of radioactive...

22886

S/089/61/010/005/015/015

B102/B214



In the packings of the first two categories there may be open radiation sources up to 2000 millicuries or closed sources up to 2000 curies. In packings of the third category there may be 200 curies open sources or a closed source with any activity. In transport undertakings which carry also passengers at the same time the annual dose may reach 0.5 r/year. When the dose rate does not exceed 0.4 mr/hr empty packings may be sent without any restrictions and are not to be marked. There are 5 Soviet-bloc references.

Card 3/3

RUMYANTSEV, S.V.; DOBROMYSLOV, V.A.; SHTAN', A.S.; KULISH, Ye.Ye.

Radiation characteristics of γ -sources from Sm^{145} and
enriched Se^{75} . - Atom. energ. 15 no.6:511-514 D '63.
(MIRA 17:1)

BAKH, N. A.; VOYEVODSKIY, V. V.; GOLDANSKIY, V. I.; SHTAN, A. S.

"Use of powerful radiation sources in chemical investigations."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva,
31 Aug-9 Sep 64.

1 24820-66 EWT(d)/EWT(m)/EWP(h)/EWP(l)/ETC(m)-6 DIAAP JD/JG
ACC NR: AP6006954 (A) SOURCE CODE: UR/0381/65/000/006/0041/0046

AUTHORS: Shtan', A. S.; Chernobrovov, S. V.; Firstov, V. G.; Sul'kin, A. G.

ORG: none

TITLE: Problems in radiation defectoscopy 19

SOURCE: Defektoskopiya, no. 6, 1965, 41-46

TOPIC TAGS: gamma ray, x ray, radiometry, exposure meter, stereoscopic photography, defectoscope / RID-21 defectoscope, RK-21 defectoscope, UGD-3 defectoscope, IRA-1, pulse device, RUP-120-5 defectoscope, RUP-200-5 defectoscope, RUP-150/500-10 defectoscope 24 24 24

ABSTRACT: The automation and mechanization problems in radiation defectoscopic techniques are discussed in some detail. Among the more important problems in this area are those pertaining to control of feeding parts to the radiation area, to radiation of parts with programmed controls, to developing of films, and to decoding the recorded information. The development of automatic gamma-ray and x-ray exposure meters is considered to be of great importance in the Soviet countries. Stereoscopic photography applied to radiation defectoscopy is another new development in the Soviet countries; it has the advantage of three-dimensional visualization of defects in the various parts under investigation. There seems to be a great need for improving the quality of auxiliary defectoscope equipment. In

Card 1/2

UDC: 620.179.152

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ACC NR: AP6006954

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particular, there is a distinct lack of high energy, 1 to 2000-kv x-ray equipment. Recent trends in construction of γ - and x-ray equipment have centered on monoblock devices of series RUP-120-5 and 200-5, on a new universal device of series RUP-150/500-10, and pulse devices IRA-1. Portable cesium-137 radiometers are currently popular. Among the new developments are devices with special safeguards against radiation hazards, including automatic on-off control systems. A new series of radioisotope defectosopes are now being marketed under the markings of RID-21, RK-2, and UGD-3. To improve the control capability on these defectoscopes, it is suggested that xerography be tried for significantly reducing exposure times. All in all, advanced automatic defectoscopes can be very useful in machine design, metallurgy, shipbuilding, and the aviation industry.

SUB CODE: 14, 18/ SUBM DATE: 04Sep65

Card 2/2

SHTAN', A.S.

Isotopes and radiation. Atom. energ. 18 no.3:260-264 Mr '65.
(MIRA 18:3)

ALEKSEYEV, A.A.; GRUZIN, F.I.; KOVALENKO, N.S.; SHTAN', I.I.

Electrodynamics unit for recording the spectra of gamma-ray
resonance absorption in crystals. Zh. tekh. fiz. no. 4:498-500
'65. (MIRA 18:12)

1. Vsesoyuznyy nauchno issledovatel'skiy institut khimicheskoy
mekhaniki im. I.P.Bardina.

GRUZIN, P. L.; SHTAN', I. I.;

"The Uses of the Mossbauer Effect for Investigation of the Phase State of Alloys of the System Cu-Sn."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

MIFI (Moscow Engineering Physics Inst)

SHTAN, P.

Preparation of seed corn. Muk.-elev.prom.22 no.3:27 Mr '56.
(MLRA 9:7)

1.ESU Ukrainskoy respublikanskoy kontory Zagotzerno.
(Corn (Maize))

SHTAN, P.

Storage and processing of seed corn in the Ukraine. Muk.-elev.
prom. 24 no.8:14 Ag '58. (MIRA 11:10)

1. Ministerstvo khleboproduktov USSR.
(Ukraine--Corn (Maize))

SHTAN, P.

Work practice in building corn processing plants. Muk. elev. prom.
24 no.11:8 N '58. (MIRA 11:12)

1.Ministerstvo khleboproduktov USSR.
(Corn (Maize))

SHTAN, P.

Receiving new grain directly from the combine. Muk.-elev. prom.
26 no.6:6 Je '60. (MIRA 13:12)

1.Ministerstvo khleboproduktov Ukrainskoy SSR.
(Ukraine--Grain)

100 AND 11TH CROSS

PROCESSES AND PROPERTIES INDEX

100 AND 11TH CROSS

22

Distillation apparatus for turpentine. V. G. SHANAGNI. Russ. 23,510, Oct. 31, 1931. Construction details.

ASME STEEL METALLURGICAL LITERATURE CLASSIFICATION

100 AND 11TH CROSS

SHTANAGEY, V. G.

5594 Shtanagey, V. G. obmurovka sparenykh vyatskikh kotlov pri obshchey topke. m., kolz, 1954. 20 s. so skhem. qq sm. (tsentr. sovet promysl. kooperatsii sssr. tekhn. upr. obmen proizvod, tekhn. opytom. byulleten. 25) 1,500 ekz. bespl.-avt. ukazany v kontse teksta.-
(54-14784 zh) 668.46

SO: Knizhnaya Letopis', No., ;, 1955

SHTANAGEY, V.G.

75820

Recovery of rosin and turpentine oil from naval stores rejects. V.G. Shtanagey. *Derevoobrabotnyyushchaya i Lesokhim. Prom.* 3, No. 7, 12-14 (1954). The most common practice in the naval stores plants to recover rosin (I) and turpentine oil (II) is decantation. To improve the efficiency of the recovery an extn. plant, consisting of 2 extractors (provided with removable lids and false bottoms), a cooler with coils, a storage tank, and a collector for the extd. material, has been designed. The rejects, after 3 to 4 melts, are transferred to the extractor. II is added (2 parts of II is necessary to distil off one part of H_2O), and the distn. is carried out by using indirect steam as the source of heat, to the point as only a trace of H_2O is left. This is followed by 3 addnl. extns. at 100-120°, each lasting 1-2 hours. With an extn. extractor (made of Cu) it was found that the removal of H_2O before the distn. improved the efficiency of the extn. Four extractions recovered twice as much II, and 3.8 times as much I as 3 extns. Petroleum naphtha is used as the extractive in some plants. T. Jurcic

CH

2m

31

SHTANAGEY, V.G., inzhener.

Returnable containers and reduction of resin losses. Der. 1 lesokhim.
prom. 3 no.14-15 D '54. (MIRA 8:1)

1. TSentropromsovet.
(Gums and resins)

SHTANAGEY, V.G.

Improving the tapping instrument. Gidreliz. i lesokhim.prem. 8
no.7:23 '55. (MIRA 9:4)

1. TSentropromsevet.
(Tree tapping)

SHTANAGEY, V.G.

~~SECRET~~
Means for improving the quality of oleophony and turpentine.
Gidrolis. i lesokhim.prom.10 no.1:20-21 '57. (MIRA 10:4)
(Gums and resins) (Turpentine)

SHANAGEY, V.G.

Spruce tapping. Gidroliz. i lesokhin.prom. 11 no.7:28-30
'58. (MIRA 11:11)
(Tree tapping)

KORYAKIN, V.I., kand. tekhn. nauk; DOROGUTIN, B.S.; CHISTOV, I.F.;
CHEREPAANOVA, I.V.; DAVYDOVA, M.I.; SOROKOLETOVA, R.I.;
MIKHEYEVA, L.V.; SHYANAGEY, V.G.; VOLKOVA, L.N.; SUMAROKOV, V.P.,
kand. tekhn. nauk, red.; KUZNETSOV, G.A., red.; ZAYTSEVA, L.A.,
tekhn. red.

[Technology of the production of wood chemicals; a manual for
foremen, technicians, and engineers] Tekhnologiya proizvod-
stva lesokhimicheskikh produktov; posobie dlia masterov i in-
zhnerno-tekhnicheskikh rabotnikov. Moskva, Gos.izd-vo mest-
noi promyshl. i khidozh. promyslov RSFSR, 1961. 383 p.

(MIRA 15:3)

(Wood—Chemistry)

SHTANAGEY, V.G.

Efficiency promotion of light wood tapping operations. Hidroliz.1
lesokhim.prom. 15 no.3:27-28 '62. (MIRA 15:5)
(Turpentine)

SHTANCHAYEV, S.TS.

SHANDALOV, D.A., fel'dsher (Talass); DROZD, V.I., fel'dsher (Minskaya oblast'); PEKUR, M.I., fel'dsher (Krasnodarskiy kray);
SHTANCHAYEV, S.TS., pomoshchnik epidemiologa (Kokchetav)

Notes on the article by Feldsher B.N.Tishkov on "Intravenous injections with detached needle." Fel'd. i akush. no.12:36-39 D '54. (MIRA 8:2)

(INJECTIONS

intravenous with detached needle, discussion)

SHTANCHAYEV, S.Ts., pomoshchnik epidemiologa (Kokchetav)

"Therapeutic qualities of honey and bee venom." H.P.Iorish. Reviewed by S.Ts.Shtanchaev. Fel'd.i akush. no.5:62-63 My '55.

(IORISH, N.P.)

(MIRA 8:7)

(HONEY)

(VENOM)

SHTANCHAYEV, S.T.S., pomoshchnik epidemiologa (selo Kumukh Dagestanskoy
ASSR)

"Medical handbook for feldshers." A.N.Shabanov, N.V.Kolesnikov.
Reviewed by S.T.S.Shtanchaev. Fel'd. 1 akush. 21 no.5:59-61 My '56.
(MEDICINE--HANDBOOKS, MANUALS, ETC.) (MLRA 9:8)
(SHABANOV, ALEKSANDR NIKOLAEVICH, 1904-)
(KOLESNIKOV, N.N.)

SHTANCHAYEV, S.TS.,pomoshchnik epidemiologa (selo Kumukh Dagestanskoy ASSR)

Our work practice in controlling measles. Fel'd. i akush.
22 no.3:43-44 Mr '57 (MLRA 10:5)
(DAGHESTAN--MEASLES)

SHTANCHAYEV, S.TS.

"Medical microbiology." Reviewed by S.TS. Shtanchaev. Vol'd 1 akush.
22 no,4:60-62 Ap '57. (MIRA 10:6)

1. Pomeshchnik epidemiologa, selo Kuzukh Dagestanskey ASSR,
(MICROBIOLOGY)

SHTANCHAYEV, S.TS.

"Medical microbiology and microbiological technique " by N.L. Utevskii.

Reviewed by S.TS. Shtanchaev. Fel'd. 1 akush. 23 no.10:58-60

0 '58

(MIRA 11:11)

1. Pomoshchnik epidemiologa, seleniye Kumukh Dagestanskoy ASSR.
(MICROBIOLOGY)

SHTANCHAYEV, S.TS., pomoshchnik epidemiologa

"Medical microbiology" by I.A.Sutin, G.R.Finn, L.N.Zelenskaia.
Reviewed by S.TS.Shtanchaev. Med.sestra 18 no.8:44-47 Ag '59.
(MIRA 12:10)

(BACTERIOLOGY, MEDICAL)
(FINN, G.R.)

(SUTIN, I.A.)
(ZELENSKAIA, L.N.)

SHTANCHAYEV, S.TS.

Observations on the practical control of measles. Fel'd i akush. 24
no.8:38-39 Ag '59. (MIRA 12:12)

1. Pomoshchik epidemiologa, selo Kumukh, Dagestanskaya ASSR.
(KHURKHI--MEASLES)

SHTANCHAYEV, S.TS.

N.I. Pirogov in Daghestan. Fel'd. i akush. 24 no.12:36-40 D '59.
(MIRA 13:2)

1. Pomoshchnik epidemiologa, seleniye Kumukh Dagestanskoy ASSR.
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

SHTANCHAYEV, S.TS. (selo Kumukh)

Medical information in folklore in Daghestan. Sov.zdrav. 19 no.5:
51-53 '60. (MIRA 13:9)

1. Iz sanitarno-epidemiologicheskogo otdeleniya sela Kumukh Lakskogo
rayona Dagestanskoy ASSR.
(FOLKLORE, DAGHESTAN) (MEDICINE IN LITERATURE)

SETANCHAYEV, S.TS,

Some medical data about Dagestan contained in the works of A.A.
Bestuzhev-Marlinski. Sov. zdrav. 19 no.9:68-70 '60.

(MIRA 13:11)

1. Iz Lakskoy rayonnoy sanitarno-epidemiologicheskoy stantsii
Dagestanskoy ASSR (selo Kumukh).

(DAGHESTAN—MEDICINE IN LITERATURE)

SHTANCHAYEV, S.TS., pomoshchnik epidemiologa (selo Kumukh, Lakskiy rayon
Dagestanskoy ASSR)

Mastery of medical terminology. Fel'd. i akush. 25 no.12:42-46 D
'60. (MIRA 13:12)

(MEDICINE—TERMINOLOGY)

SHTANCHAYEV, S.TS. (Dagestanskaya ASSR)

"General epidemiology" by V.A.Bashenin. Reviewed by S.TS.Shtanchayev.
Zhur.mikrobiol.epid.i immun. 31 no.7:142-144 J1 '60. (MIRA 1969)
(EPIDEMIOLOGY) (BASHENIN, V.A.)

SHTANCHAYEV, S.TS., pomoshchnik epidemiologa (selo Kumukh Lakskogo rayona
Dagestanskoy ASSR)

Endemic goiter in the Laksk District of the Daghestan A.S.S.R.
Fel'd. i akush. 26 no.5:46-48 My '61. (MIRA 14:5)
(LAKSK DISTRICT (DAGHESTAN)--GOITER)

SHTANCHAYEV, S.TS.

"Pocket manual for the infectious disease specialist (clinical aspects, diagnosis, treatment)." Reviewed by S.TS. Shtanchaev.
Sov.med. no.3:148-150 '62. (MIRA 15:5)
(COMMUNICABLE DISEASES)

SHTANCHAYEV, S.TS., pomoshchnik epidemiologa (Selo Kumukh Dagestanskoy
ASSR)

A book for every family. Fel'd.i akush. 27 no.7:62-64 J1 '62.
(MIRA 15:9)
(MEDICINE—DICTIONARIES)

SHTANCHAYEV, S. TS. (Derbent)

Folk doctors of Dagestan in the 19th century. Sov. zdrav. 22
no.7:59-63 '63 (MIRA 16:12)

1. Iz sanitarno-epidemiologicheskogo Lakskogo rayona Dage-
stanskoy ASSR.

SHTANCHAYEV, S.TS., pomoshchnik epidemiologa (Lakskiy rayon, Dagestanskaya
ASSR)

Work in controlling measles. Fel'd. i akush. 28 no.1:33-35 Ja'63.
(MIRA 16:7)

(LAKSKIY DISTRICT—MEASLES)

LYASHKEVICH, Z.M.; SHTANCHENKO, M.S.

Find of cinnabar near Novo-Pavlovka (Nagol'nyy Ridge). Min. sbor.
no.15:329-331 '61. (MIRA 15:6)

1. Institut geologii poleznykh iskopayemykh AN USSR, L'vov i.
Trest "Luganskgeologiya".
(Nagol'nyy Ridge--Cinnabar)

DVORNIKOV, A.G. [Dvornikov, O.H.]; TKACH, B.I.; SHTANCHENKO, M.S.;
ANTONOV, V.M.

Minerals of a group of native elements in the loose sediments
of the Nagol'nyy Range. Dop. AN URSR no.9:1226-1229 '64.
(MIRA 17:11)

1. Institut mineral'nykh resursov AN UkrSSR. Predstavleno
akademikom AN UkrSSR N.P. Semenenko [Semenenko, M.P.].

STOYUSHKIN, I.A., kand. sel'skokhoz. nauk; Prinimali uchastiye:
SHTANCHEYEV, M.G., mladshiy nauchnyy sotrudnik; ZOLOTAREV, M.P.,
inzh.; OS'MINKIN, V.N., inzh.

Investigating the process of cutting the stalks of the bunches
of grapes. Trakt. i sel'khoz mash. 33 no.12:27-28 D '63.
(MIRA 17:2)

1. Dagestanskiy nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

PAYKACHEV, Yu.S.; FROLOV, S.S.; Primali uchastiye: SMIRNOV, G.N.
SHTANDEL', A.A.; POMORTSEVA, G.M.

Pigments based on synthetic resins. Khim.prom. no.4:242-243
Ap '62. (MIRA 15:5)
(Pigments) (Resins, Synthetic)

SHTANDEL', A.Ye.

Butterflies (Lepidoptera, Rhopalocera) in the environs of
Kharkov. Ent. oboz. 37 no.4:900-902 '58. (MIRA 11:12)
(Kharkov--Butterflies)

SHTANDEL', A.Ye.

Some day-flying butterflies. (Lepidoptera, Rhopalocera) in the
Palaeo-Arctic fauna. Ent. oboz. 39 no.3:693-696 '60. (MIRA 13:9)
(Butterflies)

SHTANDEL', A.Ye.

Diurnal lepidopteran fauna (Lepidoptera, Rhopalocera) of
Novosibirsk Province and its origin. Trudy Vses.ent.ob-va
47:122-142 '60. (MIRA 13:6)
(Novosibirsk Province--Butterflies)

SHYAM, S. S.

Principal values and systems of units in the theory of electrical
phenomena. Trudy Inst. avtom. i elektrometr. SO AN SSSR
no.10:3-10 '65. (MIRA 18:8)

COMMON ELEMENTS		PROCESSING AND PROPERTIES INDEX		TOP AND BOTTOM COPIES	
21 Extraction of pyridine bases from coal-tar pitch. A. R. Shitadel (Khar'kov State Inst. of Measures). <i>J. Appl. Chem.</i> (U.S.S.R.) 19, 1109-72(1946) (in Russian). As compared with the 100% extn. of $C_{11}H_9N$ bases with 30% H_2SO_4, from tar pitch previously freed from phenols (by alkali), undephenolized pitch yielded only 40% extn. Addn. of org. solvents (100 cc. to 200 cc. crude pitch) resulted in increased extn. without preliminary dephenolization: with acetone, AcOH, EtOH, Et₂O, C₆H₆, Decalin, Tetralin, DS, 92, 80, 60, 40, 45, 43%, resp. Length of stirring and temp. have no influence. In contrast to coal-tar pitch, artificial mixts. of $C_{11}H_9N$ and phenols + cresols can always be completely sepl. by either alkali or H_2SO_4, without addn. of org. solvent. N. Thon		21			
ASME SLA METALLURGICAL LITERATURE CLASSIFICATION					
GROUPS		SECTIONS		TOP AND BOTTOM COPIES	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3

Light absorption by phenol, resorcinol, and benzene in the presence of various substances. A. E. Shtandel (Inst. Measures Instruments, Khar'kov). *J. Phys. Chem. (U.S.S.R.)* 20, 1081-4 (1946) (in Russian).—Absorption curves are shown for binary mixts. of phenol with glycerol, H₂O, and cyclohexane, for ternary mixts. of phenol with glycerol and LiCl, for solns. of resorcinol in H₂O and in aq. NaCl solns., and for mixts. of C₁₂H₁₀ with octane and with octane + EtOH. J. J. Bikerman

ASPH-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

CA

3

Theory of the spectral line reversal method for measuring high temperatures. A. E. Shtandel (State Inst. Measures and Measuring Instruments, Kharkov). *Zhur. Tekh. Fiz.* 17, 1297-1300(1947).—S. gives simple derivations for the principal formulas used in applying this method to transparent and luminous flames. Cyrus Feldman

CA
1931

7

Units of temperature measurement. A. R. Shtandel
(Kharkov). *Zhur. Ekspl. Teor. Fiz.* (8, 480(1948)).—A
"unified" system is proposed in which the entropy is di-
mensionless, and consequently the temp. has the dimension
of an energy; the conversion factor $1^\circ = 1.38 \times 10^{-16}$ erg is
identical with Boltzmann's factor. In this system, the gas
const. is dimensionless. N. Thon

10

5

Density formula for intermittent exposures on photographic plates. A. R. Shtandel. *Zhur. Tekh. Fiz. (J. Tech. Phys.)* 18, 1009-72 (1948).—S. considers theoretically the problems of intermittent exposures of a photographic plate and gives a semiempirical equation relating d , to total exposure, K , time of flash period, t , and total exposure, T . He accepts the fact that, at sufficiently high frequencies of interruptions, the intermittent exposure becomes equiv. to continuous exposure of the same av. intensity and over-all time. Exptl. results are given to show that the semiempirical formula derived can be used to predict d , values at intermediate stages of frequency and for different ratios of light to dark periods of the intermittent exposure.

J. H. Webb

ASU-51-A METALLURGICAL LITERATURE CLASSIFICATION

[illegible]

SHTANDEL', A. E.

PA 64T12

USSR/Chemistry - Gasoline
Chemistry - Spectre, Absorption

Feb 1948

"Analysis of Gasoline Based on Ultraviolet Absorp-
tion Spectra," A. E. Shtandel', Yu. V. Shostenko,
11 1/2 pp

"Zhur Prikl Khim" Vol XII, No 2

Discussion of Joetes' method is followed by study of absorption curves of pure aromatic hydrocarbons of the gasoline boiling range and selection of wave lengths and values of molecular absorption coefficient suitable for the analysis. Compounds studied included benzene, toluene, all xylenes, ethylbenzene, pseudocumene, m-diethylbenzene and propylbenzene. Data for compounded mixtures show higher degree of precision obtainable with the authors' "planometric" method, based on measuring the area formed by the absorption curve with the abscissa representing the wave lengths plotted against the altitude of the absorption curve of the mixture, than that obtainable by Joetes' method. A rapid method not requiring complete absorption curve of the sample was also developed. Submitted 5 Aug 1946.

64T12

SHTANDEL, A. YE

PA 75T17

USSR/Chemistry - Xylenes

Apr 1948

Chemistry - Analysis, Spectrographic

"Spectrographic Analysis of Mixtures of Isomeric Xylenes," Yu. V. Shostenko and A. Ye. Shtandel', 4½ pp

"Zhur Priklad Khimii" Vol XXI, No 4

Presents method for analyzing mixtures of o-, m- and p-Xylenes. Method is effective only when three isomers represent not less than 5% of substance being analyzed. Method is sufficiently accurate for any purpose to which it might be applied. Submitted 25 Oct 1947.

75T17

SHTA DEL, A. YE

PA 75T18

USSR/Chemistry - Adsorption
Chemistry - Photometry

Apr 1948

"Methods of Studying the Adsorption Curves of Solutions in the Ultraviolet Field," A. Ye. Shtandel', Khar'kov State Inst of Weights and Measuring Instruments, 10 $\frac{1}{2}$ pp

"Zhur Priklad Khimii" Vol XXI, No 4

Presents new formula which will permit evaluation of errors occurring in nonideal sector of a photometric plate. Author obtained formula from studies of photographic plates exposed to light for short consecutive periods. Submitted 25 Oct 1947.

75T18

SHTANDEL', A. YE.

PA 11/49T18

USSR/Chemistry - Analysis, With Spectro- May 48
graph
Chemistry - Analysis, Quantitative

"Outline and Classification of Methods of Quantitative Absorption Spectrographic Analysis,"
A. Ye. Shtandel', Khar'kov State Inst of Measurements and Measuring Instr, 6 pp

"Zhur Priklad Khimii" Vol XXI, No 5

Reviews general principles of spectrographic analysis. Treats subject under: (1) case of isolated absorption, (2) method of solving system of equations, (3) method of mean coefficients, and (4) planimetric method. Submitted 7 Apr 47.

11/49T18

147 AND 148 SERIES 149 AND 150 SERIES									
PHYSICAL AND PROPERTIES INDEX									
<i>Ed</i> The lag in the calculation of the internal degrees of freedom during chemical reactions. A. R. Shandak (State Inst. Measures and Measuring Instruments; Khar'kov). <i>J. Phys. Chem. (U.S.S.R.)</i> 23, 290-301 (1948) (in Russian).—The equal distribution of the energy of translation and rotation is achieved within about 10^{-9} sec., whereas that of intramol. vibrations requires 10^{-8} to 10^{-7} sec. This time lag is a function of the rate of reaction and the relaxation time. Its existence can cause errors in the detn. of the temp. of an explosion from the intensity of radiation of Na atoms introduced in the explosive mixt. The optical temp. may be 100° or more too high. J. J. Bikerman <i>2</i>									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION									
FROM SYMBLYN FROM BOMIRV									
FROM SYMBLYN FROM BOMIRV									

SHTANDEL', A. Ye.

PA 64/49T24

USSR/Chemistry - Periodic System Jun 49

"A Rational Explanation of the Periodic System of the Elements," A. Ye. Shtandel', 3 $\frac{1}{2}$ pp

"Zhur Obshch Khim" Vol XIX, No 6

Suggests an original periodic table, with emphasis on electron structure of the elements. Table, included in an insert, is read from bottom to top. Conventional outline (of six periods and eight groups with their long series and transitional groups) is completely reworked. Submitted 11 Nov 47.

64/49T24

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45																									
1ST AND 2ND ORDERS																									
PROCESS AND PROPERTIES INDEX																									
2ND AND 4TH ORDERS																									
CA Nonequilibrium states in chemical reactions A F Shtroum, <i>Zhur Fiz. Khim.</i> 23, 1315 (1949); cf. C. I. 42, 57457. -- If a chem. reaction proceeds very rapidly (an explosion), the energy of the forward motion of a mol may be greater than this energy after the equil. between the various degrees of freedom has been established. Equations are derived for the ratio of these energies as functions of the original value of the kinetic energy, the relaxation time, the reaction time, the heat of the reaction and the relative units of kinetic, rotational, and vibra- tional energies at equil. J. I. Bokerman. 2																									
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A possibility of nonequilibrium states arising in micro-heterogeneous systems. A. B. Shkanskiy. <i>Zhur. Fiz. Khim.</i> 23, 813-18(1949); cf. C.A. 43, 82065. — An exothermic reaction (such as adsorption) on the surface of a large mol. (such as protein) or a colloidal particle may cause local temp. increase before the heat evolved spreads over the whole mol. or particle. By use of probable values for the heat cond. of the particle and for the heat of adsorption it is shown that the surface temp. may be 70° above the mean temp. This may be important for enzymic reactions at the surface of protein mols. J. J. Hinkerman																																																			
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SHTANDEL', A. YE.

FA 242T1

USSR/Chemistry - Thermodynamics

Nov 52

"Some Problems Connected With the Energetics of Chemical Reactions During the Presence and Absence of Static Equilibrium: II. Reactions in Systems Lacking Equilibrium," A. Ye. Shtandel', Inst of Measures and Measuring Instruments, Novosibirsk.

"Zhur Fiz Khim" Vol 26, No 11, pp 1549-1560

The author derived certain formulae which permit the calcn of the reserve of internal kinetic energy, during the course of adiabatic reactions proceeding with a lag of excitation of vibrational degrees of freedom. With the aid of these

(1)

242T1

formulae, he showed that the temps attained during adiabatic reactions in a medium lacking equil could be computed. He also provided formulae for the calcn of the extent to which equil was absent in a system during the course of a chem reaction, and suggested a second method for computing temps from a knowledge of the degree to which equil is lacking. This method would permit an appraisal in a simple manner of the limiting ranges of temps during fast unidirectional and reversible reactions. To illustrate, the author plotted curves showing over a period of time, the extent of equil absence and the translational temp, for the semi-adiabatic course of the reaction, $\text{CO} + 1/2 \text{O}_2 = \text{CO}_2$ (without calcg the reverse reaction and the reactions of disson).

(2)

242T1

The curves showed that the max translational temp was reached just before the conclusion of the reaction (at the expense of a lag of excitation of the vibrational degrees of freedom).

(3)

242T1

S/115/60/000/010/002/028
B021/B058

AUTHOR: Shtandel', A. Ye.

TITLE: Classification of Physical Quantities According to Their Type

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 10, pp. 10-12

TEXT: The author classifies all physical quantities into three categories according to their type and the properties of the units of measurement. Dimension quantities are characterized by the fact that in comparison with the unit of measurement, their value is expressed by a number. This number is a defined one (e.g. 5 cm) and consists of an abstract numerical part and the definition. Counting quantities describe, each for itself, a certain fact. Quantities expressing a number of objects, such as the number of oscillations, molecules, microconditions, are called counting quantities. A "piece unit" specified by the author as lower index serves as unit of measurement of the enumerated quantities. The author is of the opinion that the counting quantity "12 oscillations" or "17 molecules", for example, does not only consist of a numerical value + definition,

Card 1/2

SHTANDEL', Boris Nikolayevich, polkovnik zapasa; GULEVICH, I.D.,
red.; SOKOLOVA, G.F., tekhn. red.

[Physical education of military personnel] Fizicheskaya trenirovka
voenno-sluzhashchikh. Moskva, Voenizdat, 1962. 127 p.
(MIRA 15:7)

(Russia--Army--Physical training)

USSR/Technical Crops. Oil Plants. Sugar Plants.

M

Abu Jour: Ref Zhur-Biol., No 17, 1958, 77777.

Author : Shtandel', M.V.

Inst :

Title : Some Methods of Agrotechny of Mustard in
Kurgan Oblast (According to Data of Kurgan Oblast
Selection-Experiment Station).

Orig Pub: V sb.: Maslichn. kul'tury v vost. r-nakh SSSR,
Krasnodar, "Sov. Kuban'", 1956, 154-158.

Abstract: The best period for sowing is the end of May.
Presowing rolling increased the harvest. Post-
sowing rolling is hardly effective. Normal sowing -
20 kg/ha. The most effective action proved to be
that of granulated P_c.

Card : 1/1

USSR/Technical Crops. Oil Plants. Sugar Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77779.

Author : Shtandel', M.V.

Inst :

Title : Research in Agrotechny of Lactarius Deliciosus
at the Kurgan Oblast Selection-Experiment
Station.

Orig Pub: V sb.: Maslichn. kul'tury v vost. r-nakh SSSR,
Krasnodar, "Sov. Kuban'", 1956, 161-164.

Abstract: Periods of sowing and norms of seed planting,
influence of mineral fertilizers and rolling
of the soil were studied. Best results were
obtained by sowing in the middle of May.
Increase or decrease of the planting norm by
4-6 kg (from the 12 kg/ha accepted in practice)

Card : 1/2

Country : USSR
 Category : CULTIVATED PLANTS.COMMERCIAL . Oleiferous . Sugar-Bearing .
 Abs. Jour. : IZV ZHUR-BIOL., 21.1958 NO-06071
 Author : Shtandel', M.V.
 Institute : ~~_____~~
 Title : The Agrotechny of Oil Poppy.

Orig. Pub. : V sb.: Maslichn. kul'tury v vest. r-nakh SSSR,
 Krasnodar, "Sov. Kuban'", 1956, 165-167

Abstract : Poppies must be planted in the very earliest period. In 1953 at Kurganskaya Oblast' Selection-Experimental Station the best yield was gotten (15.1 cwt/ha.) from planting on 25 April. The poppy can even be sowed in mid winter. A tractor drill with flanges can be used for planting. The space between rows is 45-60-70 cm wide. Uniform sowing at 1.5-0.5 kg/ha. is practical. According to the findings of the Siberian Grain Scientific Research Institute the application of 50 kg/ha of

Date: 1/2

SHTANENKO, N.R.; TOLKUYEVA, V.P.; KOSAREVSKAYA, I.A.

Evaluation of dry quinosol medium in microbiological diagnosis
of diphtheria. Zhur.mikrobiol., epid. i immun. 42 no.9:141-142
S '65. (MIRA 18:12)

1. Novokuznetskaya sanitarno-epidemiologicheskaya stantsiya.
Submitted April 21, 1964.

SHTANGE, B.D., kand.tekhn.nauk [deceased]; NIKITIN, V.D., prof., doktor
tekhn.nauk, red.; YUDZON, D.M., tekhn.red.

[Railroad stations and junctions] Zheleznodorozhnye stantsii
i uzly. Izd.2. Pod obshchei red. V.D. Nikitina. Moskva, Gos.
transp. zhel-dor. izd-vo, 1952. 196 p. (MIRA 12:2)
(Railroads--Stations)

SHTANGE, I. N.

"The Wear of Hydroturbines by Abrasion, Accretions, and Cavitation." Cand Tech Sci, Power Engineering Inst, Acad Sci Uzbek SSR, Tashkent, 1954. (RZhMekh, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SHTANGE, I. N.

AID P - 3376

Subject : USSR/Hydr Eng
Card 1/1 Pub. 35 - 7/16
Author : Shtange, I. N., Eng.
Title : Surveying the working section of a hydraulic turbine
Periodical : Gidr. stroi., 6, 20-25, Je 1955
Abstract : The author discusses sedimentation and cavitation caused by the flow and appearing on the inside parts of the turbine. Various parts of the turbine and the damages observed are reported in detail and explained by stages. Seven diagrams.
Institution : None
Submitted : No date

SHTANGE, Ye.D. (g.Riga)

Design for a tie puller. Zhel.der.transp.37 no.11:82-83 N '55.
(MLRA 9:2)

1.Glavnyy inzhener sluzhby puti Baltiyskey dorogi.
(Railroads--Ties)

SHTANGE, Ye.D., inzh. (Riga)

Grading and enriching gravel. Put' i put. khoz. no.6:35 Je '59.
(MIRA 12:10)

(Quarries and quarrying) (Gravel)

SOV/99-59-4-2/10

30(1)
14(2)

AUTHOR: Shtangey, I.F., Engineer

TITLE: Experience in the Use of a Double-Cantilever Sprinkler Unit of the DDA-100M-Type at the Kamenskiy Pod (Opyt primeneniya dvukhkonsol'nogo dozhdeval'nogo agregata DDA-100M na Kamenskom Podu)

PERIODICAL: *Gidrotekhnika i melioratsiya*, 1959, Nr 4, pp 12-21 (USSR)

ABSTRACT: The article gives experimental data on a sprinkler unit of the DDA-100M-type which underwent tests on the vegetable fields of the Sovkhoz "Vodyanoye", Zaporozh'ye oblast', in 1958. The tests were conducted by the Kamensko-Dneprovskaya opytno-meliorativnaya stantsiya (Kamenka Dneprovskaya Testing Melioration Station). To render the sprinkling possible, an entirely new irrigation system of temporary lateral canals was to be created or

Card 1/3

SOV/99-59-4-2/10

Experience in the Use of a Double-Cantilever Sprinkler Unit
of the DDA-100M-Type at the Kamenskiy Pod.

rejuvenated since the existing irrigation system was only suitable for furrow and strip irrigation. The digging of the canals was carried out by the KPU-2000A, KM-800, and KOP-500-type trench diggers drawn by S-80-type tractors. The temporary lateral canals had the following dimensions: upper width - 2.0 to 2.2 m; width at the canal's base - 0.4 to 0.5 m; depth - 0.85 to 0.90 m. The lateral canals were dug parallel to each other, with 120 m intervals between them, and at a straight angle to the distributing canal. The above sprinkler was in action for as long as 101 days (from May to September). It sprinkled an area as large as 657.29 hectares at a sprinkling rate from 181 cu m of water per hectare (in June) to 314 cu m (in July). The sprinkler's time schedule was as follows: 65.34 % of its operation time went for sprinkling, 16.34 % - for large re-

Card 2/3

SOV/99-59-4-2/10

Experience in the Use of a Double-Cantilever Sprinkler Unit
of the DDA-100M-Type at the Kamenskiy Pod.

pairs, 15.48 % - for idle times such as rain, and 1.98 % - for other idle times. The sprinkler's average per hr capacity at the sprinkling rate of 300 cu m per hectare including standstills and field crossings amounted to 0.69 hectare (according to the VNIIGiM - 0.80 hectare). The tests clearly showed that the sprinkler of the above type is highly suitable to irrigate large areas in the Southern Ukraine. It is 2.5 times more efficient than the sprinklers of the DDP-30S and DD-46-types and 5 times more productive than the irrigation carried out by the surface method. There are 2 diagrams and 5 tables.

ASSOCIATION: Kamensko-Dneprovskaya opytno-meliorativnaya stantsiya.
Kamensko Dneprovskaya Testing Melioration Station

Card 3/3

SHTANGEY, I.F., inzh.; STEPENKO, N.P., inzh.

Recording the consumption of water in irrigating farm crops with double-cantilever sprinklers. Gidr.i mel. 12 no.3:34-37 Mr
'60. (MIRA 13:6)

1. Kamensko-Dneprovskaya opytno-meliorativnaya stantsiya.
(Ukraine--Sprinkler irrigation)
(Water meters)

Shtangeyev, A.L.

USSR/Chemistry - Condensation

Card 1/1 Pub. 151 - 10/38

Authors : Bal'yan, Kh. V., and Shtangeyev, A. L.

Title : Condensation of diketenes with certain aliphatic ketones

Periodical : Zhur. ob. khim. 24/2, 238-241, Feb 1954

Abstract : The possibility of condensation of diketenes with aliphatic ketones - acetone, methylethylketone and methylpropylketone - was discussed. Heating of the diketene with the above mentioned ketones in the presence of pyridine resulted in the formation of mobile, transparent, colorless liquids with a pleasant ether odor. The constants of the substances obtained are tabulated. Three references: 1-USA; 1-English and 1-USSR (1940-1947). Table.

Institution : The Leningrad Technological Institute, Faculty of Organic Chemistry, Leningrad

Submitted : July 14, 1953

VERESHCHAGIN, A.N.; LOBKOV, A.M.; SHTANGEYEV, A.L.

Combined processing of crude oil and casing-head gases. Gaz.prom.
7 no.1:20-23 '62. (MIRA 15:1)
(Petroleum--Refining) (Gas, Natural)

SHTAN'KO, A. inzhener

Package handling of piece leads in Baltic ports. Mor.flot. 15
no.5:29-30 My '55. (MLRA 8:6)
(Loading and unloading)

SHTAN'KO, A.P.

Problem of urethral valves in children. Nov.khir.arkh. no.3:
53-55 My-Je '59. (MIRA 12:10)

1. Kafedra urologii (zav. - prof.A.A.Chayka) Kiyevskogo
meditsinskogo instituta.
(URETHRA--ABNORMITIES AND DEFORMITIES)

SHTAN'KO, A.V.

Trace element content of feed grasses in Karelia. Uch. zap.
Petrozav. gos. un. 12 no.3:19-21 '64.

Trace elements content of annual mixed feed crops. Ibid.:
22-24.

Zinc, manganese, copper, and molybdenum content of annual
feed crops. Ibid.:25-27 (MIRA 19:1)

1. Kafedra botaniki i fiziologii rasteniy Petrozavodskogo
gosudarstvennogo universiteta imeni O.V. Kuusinen.

M.

USSR/Cultivated Plants - Fodder.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15657

Author : A.V. Shtan'ko

Inst :
Title : Obtaining Two Fodder Crop Yields per Year from a Single Field in the Karelian ASSR.

(Polucheniye dvukh urozhayev kormovykh kul'tur v god s odnogo polya v Keal'skoy ASSR).

Orig Pub : Uch. zap. Petrozavodskogo un-ta, 1956 (1957), 7, No 3, 26-30.

Abstract : In several kolkhozes and sovkhoses of the Karelian ASSR, the introduction of green conveyor system has been delayed through the lack of planting area. Under these circumstances the green feed accumulation may be considerably augmented by obtaining two harvests of fodder plants per year from one and the same field. Winter rye may serve as such a plant, which is mowed down in the

Card 1/2

SHTAN'KO, A.V., dotsent

Corn in Karelia. Zhivotnovodstvo 24 no.5:13-15 My '62.
(MIRA 16:10)

1. Petrozavodskiy universitet.

SHTAN'KO, F.

Urgent problems. Sil'. bud. 7 no.5:21 Mr '57. (MIRA 13:6)

1. Nachal'nik Stalinskogo oblastnogo upravleniya po stroitel'
stvu v kolkhozakh.
(Stalino Province--Building)

SHTAN'KO, I.G.; SHAKHLEVICH, V.M.; REMIZOVA, A.S.

Speeding up car processing in classification yards. Zhel.dor.transp.
(MIRA 18:6)
47 no.4:25-27 Ap '65.

1. Glavnyy inzh. stantsii Nizhnedneprovsk-Uzel (for Shtan'ko).
2. Nachal'nik proizvodstvenno-tekhnicheskogo otdela stantsii Nizhnedneprovsk-Uzel (for Shakhlevich).
3. Starshiy inzhener sluzhby dvizheniya Pridneprovskoy dorogi (for Remizova).

SHTAN'KO, I. I.

30417

Vyengyorskaya siryen'—perspektivnyy ^opzdvoy. Byallyetyen' Glav. botan.
sada, vyp. 3. 1949, s. 71-73.

SO: LETOPIS' No. 341

Hungarian lilac is a prospective wildling.

VASIL'YEVSKIY, A.P.; SHTAN'KO, I.I.

Copper-soap-nicotine liquid for the control of diseases and pests of roses.
Biul.Glav.bot.sada no.14:74-79 '52. (MLRA 6:5)

1. Glavnyy botanicheskiy sad Akademii Nauk SSSR.
(Roses--Diseases and pests) (Fungicides)

BYLOV, V.N.; SHTAN'KO, I.I.; YUDINTSEVA, Ye.V.; MIKHAYLOV, I.L.;
TSITSIN, N.V., akademik, otv. red.; OGOLEVETS, G.S., red.
izd-va; VOLKOVA, V.V., tekhn. red.

[Roses; brief results of introduction at the Main Botanical
Garden of the Academy of Sciences of the U.S.S.R.] Rozy;
kratie itogi introduktsii v Glavnom botanicheskom sadu
Akademii nauk SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962.
223 p. (MIRA 15:8)

1. Moscow. Glavnyy botanicheskiy sad.
(Moscow--Roses--Varieties)

SHTAN'KO, I.M.

Shtan'ko, I.M. "Rose collection of the Botanical Garden Board," Byulleten' Glav.
botan. sada, Issue 1, 1948, p. 88-89

SO: U42888, Letopis Zhurnal'nykh Statey, No. 1, 1949

DUGANOV, G.V., doktor tekhn. nauk; SHTAN'KO, I.M., inzh.; KEFER, V.N.,
kand. tekhn. nauk; KRIVOPOLYANSKIY, L.N., inzh.

Experimental study of the parameters of air cooling equipment
at the Sadon Mine. Izv. vys. ucheb. zav.; gor. zhur. no.8:76-81 '64
(MIRA 18:1)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artema (for Duganov, Shtan'ko). 2. Makeyevskiy
nauchno-issledovatel'skiy institut po bezopasnosti rabot v
gornoy promyshlennosti (for Kefer, Krivopolyanskiy).

SHITAN'KO, K. T.

"Hairy Vetch (Winter Vetch) Under Conditions of Leningradskaya Oblast." Cand Agr
Sci, Leningrad Agricultural Inst, Min Higher Education USSR, Leningrad, 1955. (KL, No 16,
Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended
at USSR Higher Educational Institutions (16).

SHTAN'KO, L.V., assistant

Rare case of urine retention in a three-month-old child. Ped.,
akush. i gin. 22 no.3:31 '60. (MIRA 14:4)

1. Urologicheskaya klinika Kiyevskogo ordena Trudovogo Krasnogo
Znameni meditsinskogo instituta im. akademika A.A.Bogomol'tsa
(direktor - dotsent I.P.Alekseyenko).
(URINE--RETENTION)

D'YAKOVA, R.M., dotsent; ZUZANOVA, V.I., prof.; LITVINENKO, A.G. [Lytvynenko, A.H.]; PESNYACHEVSKAYA, G.D. [Pisniachevs'ka, H.D.]; BEZSONOVA, M.M., prof.; BELYY, O.F. [Bielyi, O.F.]; PRIMAKOV, S.V.; YUNKO, M.A.; GOL'DIS, S.N. [Hol'dis, S.N.]; BARAN, M.A.; KOSACHEVSKAYA, P.I. [Kosachevs'ka, P.I.], dotsent; SHTAN'KO, L.V.; GAGARINOV, V.S. [Haharynov, V.S.]

Annotations and author's abstracts. Ped. Akush. i gin. 24
no.6:33-36 '62. (MIRA 17:4)

1. Kafedra pediatrii Zaporozhskogo instituta usovershenstvovaniya vrachey (for D'yakova).
2. Kafedra pediatrii Odesskogo meditsinskogo instituta (for Zuzanova).
3. Klinika infektsionnykh bolezney Odesskogo meditsinskogo instituta (for Litvinenko).
4. Kafedra detskikh infektsionnykh bolezney Khar'kovskogo meditsinskogo instituta (for Pesnyachevskaya).
5. Klinika detskikh infektsionnykh bolezney Krymskogo meditsinskogo instituta (for Bezsonova).
6. Kafedra fakul'tetskoy pediatrii Krymskogo meditsinskogo instituta (for Belyy).
7. Shakhternaya bol'nitsa g. Bokovo-Antrasit (for Primakov).
8. Starosamborskaya rayonnaya bol'nitsa L'vovskoy oblasti (for Yunko).
9. Vinnitskaya detskaya bol'nitsa No.2 (for Gol'dis).
10. Kafedra gigiyeny Kiyevskogo instituta usovershenstvovaniya vrachey (for Baran, Kasochevskaya).
11. Kafedra urologii Kiyevskogo meditsinskogo instituta (for Shtan'ko).
12. 9-ya gorodskaya bol'nitsa g. Dneprodzerzhinka (for Gagarinov).

SHTAN'KO, L.V.

Urine retention in children accompanied by calculi in the urinary bladder and ureter. Nov. khir. arkh. no.9:32-34 S '61.

(MIRA 14:10)

1. Kafedra urologii (zav. - prof. A.A.Chayka) Kiyevskogo meditsinskogo instituta.

(URINE--RETENTION)

(CALCULI, URINARY)

SHTAN'KO, L.V., assistant

Urine retention in children in tumors of the urinary bladder.
Ped., akush. i gin. 23 no.6:9-11 '61. (MIRA 15:4)

1. Urologicheskaya klinika (zav. - prof. A.A.Chayka [Chaika, A.A.])
Kiyevskogo meditsinskogo instituta im. akademika Bogomol'tsa (rektor -
dotsent V.D.Bratus').

(URINE--RETENTION)

(BLADDER--TUMORS)

DIDENKO, V.; BONDARENKO, A.; SHTAN'KO, M.; MYKOTS', T.

Radio Clubs - Slavka

Experience of the radio amateurs of the village of Slavka. Radio No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

SHTAN'KO, M.

Continua ~~possessing the~~ fixed-point property. Dokl. AN SSSR 154 no.6:
1291-1293 F '64. (MIRA 17:2)

1. Predstavleno akademikom P.S.Aleksandrovym.

SHTAN'KO, M.A.

A space of relative distances. Usp. mat. nauk 18 no.5:213-218
S-O '63. (MIRA 16:12)